

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09833248 on March 14, 2003

```

12  717/130      (4 OR, 8 XR)
      Class  717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                    INSTALLATION, AND MANAGEMENT
      717/100      SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                    INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
      717/124      .Testing or debugging
      717/130      ..Including instrumentation and profiling

5   714/35      (1 OR, 4 XR)
      Class  714 :  ERROR DETECTION/CORRECTION AND FAULT
                    DETECTION/RECOVERY
      714/100      DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

      714/1        .Reliability and availability
      714/25       ..Fault locating (i.e., diagnosis or testing)

      714/32       ...Particular stimulus creation
      714/35       ....Substituted or added instruction (e.g.,
                    code instrumenting, breakpoint instruction)

5   714/38      (0 OR, 5 XR)
      Class  714 :  ERROR DETECTION/CORRECTION AND FAULT
                    DETECTION/RECOVERY
      714/100      DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

      714/1        .Reliability and availability
      714/25       ..Fault locating (i.e., diagnosis or testing)

      714/37       ...Analysis (e.g., of output, state, or design)

      714/38       ....Of computer software

5   717/127      (4 OR, 1 XR)
      Class  717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                    INSTALLATION, AND MANAGEMENT
      717/100      SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                    INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
      717/124      .Testing or debugging
      717/127      ..Monitoring program execution

```

09833248_CLSTITLES.txt

5 717/131 (3 OR, 2 XR)
 Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
 INSTALLATION, AND MANAGEMENT
 717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
 INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
 717/124 .Testing or debugging
 717/131 ..Including analysis of program execution

5 717/158 (3 OR, 2 XR)
 Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
 INSTALLATION, AND MANAGEMENT
 717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
 INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
 717/136 .Translation of code
 717/140 ..Compiling code
 717/151 ...Optimization
 717/154Including analysis of program
 717/158Including instrumentation and profiling

4 700/83 (2 OR, 2 XR)
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
 700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
 700/83 .Having operator control interface (e.g.,
 control/display console)

4 700/86 (2 OR, 2 XR)
 Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
 700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
 700/86 .Having preparation of program

4 717/164 (1 OR, 3 XR)
 Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
 INSTALLATION, AND MANAGEMENT
 717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
 INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
 717/162 .Linking
 717/163 ..Including library
 717/164 ...Shared

3 707/10 (0 OR, 3 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING
 707/10 .Distributed or remote access

3 707/103R (3 OR, 0 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/100 DATABASE SCHEMA OR DATA STRUCTURE
 707/103R .Object-oriented database structure

3 709/331 (0 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/310 INTERPROGRAM COMMUNICATION, INTERPROCESS
 COMMUNICATION (IPC)
 709/331 .Dynamic linking, late binding

3 711/148 (2 OR, 1 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/147 .Shared memory area
 711/148 ..Plural shared memories

3 714/39 (0 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
 714/1 .Reliability and availability
 714/25 ..Fault locating (i.e., diagnosis or testing)
 714/37 ...Analysis (e.g., of output, state, or design

)

714/39Monitor recognizes sequence of events
 (e.g., protocol or logic state analyzer)

3 717/109 (3 OR, 0 XR)
 Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
 INSTALLATION, AND MANAGEMENT
 717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
 INTEGRATED CASE TOOL OR STAND-ALONE DEVEL
 OPMENT TOOL)
 717/106 .Code generation
 717/109 ..Visual

3 717/163 (2 OR, 1 XR)

09833248_CLSTITLES.txt

Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
INSTALLATION, AND MANAGEMENT

717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/162 .Linking

717/163 ..Including library

2 345/866 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
INTERFACE)

345/866 .Miscellaneous customization or adaptation

2 345/967 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/961 OPERATOR INTERFACE WITH VISUAL STRUCTURE OR
FUNCTION DICTATED BY INTENDED USE

345/965 .For process control and configuration

345/966 ..Computer process (e.g., operation of
computer)

345/967 ...Visual or iconic programming

2 700/84 (0 OR, 2 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS

700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS

700/83 .Having operator control interface (e.g.,
control/display console)

700/84 ..Keyboard

2 700/85 (0 OR, 2 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
SPECIFIC APPLICATIONS

700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS

700/83 .Having operator control interface (e.g.,
control/display console)

700/85 ..Positional (e.g., joystick)

2 702/182 (0 OR, 2 XR)

Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING

702/127	MEASUREMENT SYSTEM
702/182	.Performance or efficiency evaluation
2 707/104.1 (0 OR, 2 XR)	
Class 707 :	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
707/100	DATABASE SCHEMA OR DATA STRUCTURE
707/104.1	.Application of database or data structure (e.g., distributed, multimedia, image)
2 711/154 (1 OR, 1 XR)	
Class 711 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
711/100	STORAGE ACCESSING AND CONTROL
711/154	.Control technique
2 711/156 (0 OR, 2 XR)	
Class 711 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
711/100	STORAGE ACCESSING AND CONTROL
711/154	.Control technique
711/156	..Status storage
2 711/203 (1 OR, 1 XR)	
Class 711 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
711/200	ADDRESS FORMATION
711/202	.Address mapping (e.g., conversion, translation)
711/203	..Virtual addressing
2 714/45 (0 OR, 2 XR)	
Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
714/100	DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
714/1	.Reliability and availability
714/25	..Fault locating (i.e., diagnosis or testing)
714/45	...Output recording (e.g., signature or trace)
2 714/53 (0 OR, 2 XR)	
Class 714 :	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
714/100	DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
714/1	.Reliability and availability

09833248_CLSTITLES.txt

714/48 ..Error detection or notification

714/49 ...State error (i.e., content of instruction,
data, or message)

714/53Address error

2 714/54 (2 OR, 0 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY

714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1 .Reliability and availability

714/48 ..Error detection or notification

714/49 ...State error (i.e., content of instruction,
data, or message)

714/54Storage content error

2 717/106 (1 OR, 1 XR)

Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
INSTALLATION, AND MANAGEMENT

717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/106 .Code generation

2 717/116 (0 OR, 2 XR)

Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
INSTALLATION, AND MANAGEMENT

717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/114 .Programming language

717/116 ..Object oriented

2 717/140 (0 OR, 2 XR)

Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
INSTALLATION, AND MANAGEMENT

717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

717/136 .Translation of code

717/140 ..Compiling code